**Meets ASE Task:** (A8-D-10) P-1 Inspect, test, and/or replace fuel injectors on low- and high-pressure systems.

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Evaluation (Enter number from 4, 3, 2, 1) :\_\_\_\_\_\_\_\_\_

**Fuel Injector Balance Test**

Page 256

1. Check service information for the procedures and specifications for an injector pressure balance test.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

  
 a. Part number of recommended tester = \_\_\_\_\_\_\_\_\_\_\_

b. Maximum allowable variation in pressure drop

among the injectors = \_\_\_\_\_\_\_\_\_\_\_\_\_

2. What was the starting pressure? \_\_\_\_\_\_\_\_\_ psi/kPa

3. Record the pressure drop of the injectors (pressure after

injector was pulsed on).

Cylinder #1 \_\_\_\_\_\_\_\_\_\_ Cylinder #5 \_\_\_\_\_\_\_\_\_\_

Cylinder #2 \_\_\_\_\_\_\_\_\_\_ Cylinder #6 \_\_\_\_\_\_\_\_\_\_

Cylinder #3 \_\_\_\_\_\_\_\_\_\_ Cylinder #7 \_\_\_\_\_\_\_\_\_\_

Cylinder #4 \_\_\_\_\_\_\_\_\_\_ Cylinder #8 \_\_\_\_\_\_\_\_\_\_

4. Compare the test results with the specifications. What is the needed action?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_